

## AMENDMENTS TO THE CLAIMS

### **Claims 1-11 (Canceled)**

#### **Claim 12 (Currently Amended)**    A compressor comprising:

\_\_\_\_\_ a compressing mechanism for compressing a fluid that contains lubricating oil;

\_\_\_\_\_ a separation chamber having an interior space that is to have revolved therein fluid compressed by said compressing mechanism such that at least part of the lubricating oil contained in the fluid is separated from the fluid by centrifugal force produced by revolution of the fluid within said interior space;

\_\_\_\_\_ an exhaust hole at an upper end of said separator chamber for exhausting from said interior space the fluid compressed by said compressing mechanism after having been revolved in said interior space;

\_\_\_\_\_ a feed hole for introducing into said interior space the fluid, compressed by said compressing mechanism, in a direction downwardly, with respect to a vertical axis of said separator chamber, away from said exhaust hole; The compressor according to claim 8, further comprising:

an oil-storage chamber for storing the lubricating oil separated from the fluid revolved in said interior space; and

a communication passage provided between an upper part of said oil-storage chamber and said interior space, with said communication passage opening in a tangential direction of said interior space so that any fluid flowing into said interior space, via said communication passage, from said upper part of said oil-storage chamber does not disturb revolution of the fluid, compressed by said compressing mechanism, in said interior space.

### **Claims 13-16 (Canceled)**